

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference pct03am01	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. <b>PCT/KR03/01280</b>	International filing date (day/month/year) 30 JUNE 2003 (30.06.2003)	(Earliest) Priority Date (day/month/year) 05 JULY 2002 (05.07.2002)
Applicant ALL MEDICUS CO., LTD et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**
  - a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
  - b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
 

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
2.  **Certain claims were found unsearchable (See Box I).**
3.  **Unity of invention is lacking (See Box II).**
4. With regard to the title,
 

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

Device for quantitative analysis of biological materials
5. With regard to the abstract,
 

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawing to be published with the abstract is Figure No. 3a

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/KR03/01280

**Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)**

Disclosed is a device for quantitative analysis of biological materials. The device includes an analyzing unit for photometric method and an analyzing unit for electrochemical method. The device has a socket for mounting a photometric test strip or a socket for mounting an electrochemical test strip or both sockets in a body. In addition, the test strip may have a recognition electrode, of which position on the test strip is determined by the analysis method and target materials in use. When equipped with a test strip carrying the recognition electrode, the device has a terminal for identifying the position of the recognition electrode.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR03/01280

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 G01N 33/487**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

G01N 33/487, G01N 27/26, G01N 33/50, G01N 21/78, G01N 33/558, A61B 5/00, C12M 1/40, C12M 1/34

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korea Patent and Applications for Inventions since 1975

Korea Utility Models and Applications for Utility Models since 1975

Japanese Utility Models and application for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, WPI, USPTO, PAJ, CAPLUS(STN), INSPECT"test strip, colorimetric, photometric, electrochemical, recognition electrode, analy\*, quantitative, etc."

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 02/078533 (Inverness Medical Limited) 10 Oct 2002 -see abstract and pages 2-10.	1-5
A	US 5437999 (Boehringer Mannheim Corporation) 01 Aug 1995 -see abstract and claims 1-3.	1, 5
A	KR 0049234 (All Medicus Co. LTD) 15 Jun 2001 -see the entire document.	1-10
A	EP 0989406 (Otsuka Pharmaceutical Co. LTD) 29 Mar 2000 -see abstract and pages 4-8.	1

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

15 OCTOBER 2003 (15.10.2003)

Date of mailing of the international search report

15 OCTOBER 2003 (15.10.2003)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR03/01280

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02/078533	10 Oct 2002	NO 20025699 EP 1328192 CA 2410812	20 Jan 2003 23 Jul 2003 10 Oct 2002
US 5437999	01 Aug 1995	CA 2183865 WO 9522597 EP 0753051 DE 69519725 ES 2154330 JP 3193721	01 Aug 1995 24 Aug 1995 15 Jan 1997 01 Feb 2001 01 Apr 2001 30 Jul 2001
EP 0989406	29 Mar 2000	US 2002187510 JP 11295311 WO 9953318 AU 3168799 BR 9906351 CN 1263599	12 Dec 2002 29 Oct 1999 21 Oct 1999 01 Nov 1999 19 Sep 2000 16 Aug 2000